

# September

## Period 2

## AP Biology

M	Tu	W/Th		F
1 OFF	8 <b>SUMMER ASSIGNMENTS DUE</b> Course Overview <u>Ch. 22</u>	9 <b>SAFETY CONTRACT DUE</b> Notes 1-5 <u>Ch. 22</u>	10 Finch Beak Lab <u>Ch. 22</u>	11 <b>FINCH BEAK LAB DUE</b> Notes 6-10 <u>Ch. 23</u>
14 OFF	15 H-W Problems <u>Ch. 23</u>	16/17 Lab: H-W Fish Model <u>Ch. 23</u>		18 H-W Problem Review <u>Quiz Review</u>
21 <b>H-W FISH LAB DUE</b> <b>H-W PROBLEMS DUE</b> <b>Ch. 22 &amp; 23 QUIZ</b> <u>Ch. 24</u>	22 Notes 11-19 Phylogenetic Tree Practice <u>Ch. 24</u>	23 OFF	24 ODD	25 EVEN Protein Sequence Analysis Notes 20-22 Speciation Mechanism Flow Chart <u>Ch. 25</u>
28 <b>BOOKS</b> <b>PROTEIN ANALYSIS DUE</b> Speciation Mechanism Flow Chart <u>Ch. 25</u>	29 <b>BOOKS</b> <b>SPECIATION FLOW CHART DUE</b> Geologic Timeline Puzzle <u>Ch. 25</u>	30/1 <b>GEOLOGIC TIMELINE PUZZLE DUE</b> Notes 23-25 Oldest Fossils ABCD Exam Review <u>Exam Review</u>		2 <b>Unit 1 Exam</b> <b>Multiple Choice Questions</b>

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5 <b>Unit 1 Exam</b> <i>Free Response Questions</i> <b>Ch. 8 (8.1 - 8.3 ONLY)</b>	6 Notes 1-10 <u>Ch. 8 (8.1 - 8.3 ONLY)</u>	7/8 Krebs Cycle Essay <u>Ch. 8 QUIZ – Take Home Quiz</u>		9 <b>KREBS CYCLE ESSAY DUE</b> Notes 11-19 Homeostasis Assignments <u>Ch. 9</u>
12 <b>CH. 8 QUIZ DUE</b> <b>HOMEOSTASIS ASSIGNMENTS DUE</b> Notes 20-26 Guided Notes Questions <u>Ch. 9</u>	13 Notes 27-35 Flowchart Review <u>Ch. 9, Notes 36-37</u>	14 DELAYED ENTRY Lab: Cellular Respiration	15 Lab: Cellular Respiration	16 Pep Rally Schedule Review <u>Ch. 9</u>
19 <b>CELL RESPIRATION LAB DUE</b> <b>Ch. 9 QUIZ</b> Notes 38-44 Independent Notes Questions <u>Ch. 10</u>	20 Notes 38-44 Independent Notes Questions <u>Ch. 10, Light &amp; Pigments Pre-Lab</u>	21/22 Lab: Light & Plant Pigments <u>Ch. 10</u>		23 <b>PIGMENT LAB DUE</b> Notes 45-51 Independent Notes Questions <u>Ch. 10</u>
26 Notes 53-57 Independent Notes Questions <u>Ch. 10</u>	27 Photosynthesis Review Photosynthesis Prelab <u>Ch. 10</u>	28/29 Lab: Photosynthesis <u>Ch. 10</u>		30 Exam Review <u>Exam Review</u>

# November

# Period 2

# AP Biology

M	Tu	W/Th	F
<p>2</p> <p><b>Unit 2.1 Exam</b></p> <p><i>Multiple Choice Questions</i></p> <p><i>Free Response complete for HW</i></p>	<p>3 OFF</p>	<p>4/5</p> <p><b>FREE RESPONSE EXAM QUESTION DUE</b></p> <p>Notes 1-4</p> <p>Lab: Diffusion &amp; Surface Area</p> <p><u>Ch. 7</u></p>	<p>6</p> <p><b>PHOTOSYNTHESIS REPORT DUE</b></p> <p>Notes 5-12</p> <p>Guided Questions</p> <p><u>Ch. 7</u></p>
<p>9</p> <p>Notes 13-18</p> <p>Water Potential Problems</p> <p><u>Ch. 7</u> <u>36.2</u> <u>36.4</u></p>	<p>10 ED</p> <p>Pre Lab</p>	<p>11/12</p> <p>Lab: Onion Osmosis Inquiry</p> <p><u>Lab Poster</u></p>	<p>13</p> <p><b>WATER POTENTIAL PROBLEMS DUE</b></p> <p>Lab Work &amp; Posters</p> <p><u>Lab Poster</u></p>
<p>16</p> <p>Lab Posters</p> <p><u>Lab Poster</u></p>	<p>17</p> <p>Notes 19-20</p> <p>Transport Animations</p> <p><u>Lab Poster</u></p>	<p>18/19</p> <p>Notes 21-26</p> <p>Life Origins Video</p> <p><u>Ch. 3 Lab Poster</u></p>	<p>20</p> <p>Notes 27-29</p> <p>Matter Cycles Scenarios</p> <p><u>55.4 Lab Poster</u></p>
<p>23</p> <p><b>OSMOSIS LAB POSTER DUE</b></p> <p>Quiz Review</p> <p><u>Quiz Review</u></p>	<p>24</p> <p><b>Unit 2.2 Quiz</b></p> <p><u>Ch. 43, 39.5</u></p>	<p>25/26</p>	<p>27</p>

# December

# AP Biology

M	Tu	W/Th		F
30 Notes 1-6 Feedback Flowcharts Diabetes Writing Assignment <u>Ch. 43, 39.5</u>	1 Notes 7-14 Immunity Assignments <b>BOOKS</b> <u>Ch. 43, 39.5</u>	2/3 Immunity Assignments <b>BOOKS</b> <u>Ch. 43, 39.5</u> <u>18.4</u>		4 <b>FEEDBACK CHARTS DUE</b> <b>DIABETES WRITING ASSIGNMENT DUE</b> Notes 15-25 Guided Questions <u>18.4</u>
7 Review Questions Organism Body Plan Simulation <u>18.4</u>	8 Organism Body Plan Simulation	9/10 <b>BOOKS</b> <b>ORGANISM BODY PLAN DUE</b> Notes 26-31 Plant Hormone Cards Assignment <u>39.2, Plant Hormone Cards, Cricket Pre Lab</u>		11 <b>IMMUNITY ASSIGNMENTS DUE</b> Lab: Cricket Behavior <u>Ch. 51</u>
14 Lab: Cricket Behavior <u>Ch. 51, Cricket Report</u>	15 Notes 32-36 Guided Questions <u>Ch. 51, Cricket Report</u>	16/17 <b>PLANT HORMONE CARDS DUE</b> <b>Unit 2.2 &amp; 2.3 Exam</b> <u>Ch.16, Cricket Report</u>		18 <b>BOOKS</b> DNA Textbook Questions <u>Ch.16, Cricket Report</u>
21 <b>CRICKET REPORT DUE</b> Notes 15-26 <u>Ch.16</u>	22 DNA Modeling Activity	23 DNA Modeling Activity <u>DNA Scientists Research</u> <u>Ch.17</u> <u>Notes 27-38</u>		

# January 2016

# AP Biology

M	Tu	W/Th	F
4 <b>DNA RESEARCH DUE</b> Notes 39-44 Protein Synthesis Worksheet <u>Ch.17</u>	5 Notes 45-54 Protein Synthesis Worksheet <u>Ch.17</u>	6/7 Notes 55-60 DNA Extraction Gel Preparation & Casting <u>Ch.20</u>	8 <b>PROTEIN SYNTHESIS WORKSHEET DUE</b> Restriction Enzyme Pre Lab <u>Ch.20</u>
11 ODD BLOCKS	12 EVEN BLOCKS Lab: Restriction Enzymes <u>Ch.20</u>	13 ODD BLOCKS    14 EVEN BLOCKS Lab Analysis: Restriction Enzymes <u>Lab Questions</u> <u>Exam Review</u>	15 <b>RESTRICTION ENZYME LAB DUE</b> <b>Unit 3.1 Exam</b> <u>Ch.12</u> <u>Independently read notes 1-24</u> <u>Cell Cycle Independent Lab</u>
18	19 <b>MIDTERMS</b> <b><u>Independently read notes 1-24</u></b> <b><u>Cell Cycle Independent Lab</u></b>	20/21 <b>MIDTERMS</b> <b><u>Independently read notes 1-24</u></b> <b><u>Cell Cycle Independent Lab</u></b>	22 <b>MIDTERMS</b> <b><u>Independently read notes 1-24</u></b> <b><u>Cell Cycle Independent Lab</u></b>
25 Cell Cycle Review <u>Ch.12 &amp; Ch.13</u>	26 Cell Cycle Review <u>Ch.12 &amp; Ch.13</u>	27/28 Cell Cycle Review <b>3.2 Quiz</b> <u>Ch.14</u>	29 <b>CELL CYCLE LAB DUE</b> Notes 25-39 Genetics Problems <u>Ch.14</u>